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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/820,930	04/08/2004	Anthony Catalano	TAG-001-US-n	8748
21833	7590	01/31/2006	EXAMINER	
PRITZKAU PATENT GROUP, LLC			VO, TUYET THI	
993 GAPTER ROAD			ART UNIT	PAPER NUMBER
BOULDER, CO 80303			2821	

DATE MAILED: 01/31/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/820,930

Applicant(s)

CATALANO, ANTHONY

Examiner

Tuyet Vo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11/18/05.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 50-54, 57-61, 63 and 64 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 50-54, 57-61, 63 and 64 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 50-54 and 57-61 are rejected under 35 U.S.C. 102(e) as being anticipated by Barlian et al. (US Pub. 2003/0210552), hereinafter Barlian.

Regarding claims 50, 52, 53 and 58-61, Barlian discloses an optical display device (Fig.

1) comprising:

a housing (1, 5, 17) having a reflecting lens (5,17) arrangement supported therewith, the lens arrangement including light reflector surface segments (14) (top and surrounding surfaces) circumscribed a given area which defines a forward extending central axis of illumination; and

an illumination assembly including a printed circuit board (10) having a front surface and a back surface, a light emitting diode (LED, 12) on the front surface, a control circuitry (13) connected to a power source via the light source and printed on a back surface of the printed circuit board ([0010]), the light source is disposed within the given area in a way it causes light out of a given area guide via means of reflection to a general direction of a forwardly extending central axis of illumination.

Regarding claims 51 and 54, Barlian further discloses the printed circuit board is a planar surface oriented parallel with the central axis of illumination device, wherein the LED mounting

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on the surface of one PCB's end and that LED directs some of its light normal to the central axis towards some of light reflecting surface segments ([0012], [0013]).

3. Claims 50, 53 and 63 are rejected under 35 U.S.C. 102(e) as being anticipated by Chun (US Pat. 6,924,605).

Chun discloses a flashing light device (Figs. 4-7) comprising:

a housing (12) having a reflecting lens arrangement supported therewith, the lens arrangement including light reflector surface segments (28) (top and surrounding surfaces) circumscribed a given area which defines a forward extending central axis of illumination; and

an illumination assembly including a printed circuit board (PCB, 45) having a front surface and a back surface, a LED light source (65) mounted on one surface of the PCB, a control circuitry connected to a power source and printed on at least one of surfaces of the printed circuit board, the LED light source is disposed within the given area in a way it causes light out of the given area directly by means of reflection in a forward direction extending central axis of illumination.

4. Claims 50, 57 and 64 are rejected under 35 U.S.C. 102(e) as being anticipated by Lin (US Pat. 6,819,056).

Lin discloses a device for illumination, comprising:

a housing (10) having a reflecting lens arrangement supported therewith, the lens arrangement including light reflector surface segments (col. 3, lines 1-4) (top and surrounding surfaces) circumscribed a given area which defines a forward extending central axis of illumination; and

an illumination assembly including a printed circuit board (30) having a front surface and a back surface, a light emitting diode (LED, 13) on one surface of the printed circuit board, a control circuitry connected to a power source and another light emitting diode (LED, 110), wherein the control circuit on a back surface of the printed circuit board (col. 3, lines 11-45) the LED light source (13) is disposed within the given area in a way it causes light out of a given area guide via means of reflection as to project the beam of light in a general direction of a forwardly extending central axis of illumination, wherein the housing is configured to received

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both illumination assembly and an illumination assembly that is capable of replacement an incandescent light source (col. 1, lines 7-13).

Citation of pertinent prior art

5. The prior art made of record and not relied upon is considered pertinent to applicants' disclosure.

Sommers et al. (US Pat. 6,485,160) discloses LED flashing with lens.

Wesson (US Pat. 6,371,636) discloses LED light module for vehicles.

Correspondence

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Tuyet Vo whose telephone number is 571 272 1830. The examiner can normally be reached on Mon-Fri.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571 272 1834. The fax phone numbers for the organization where this application or proceeding is assigned are 703 872 9306 for regular communications and for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703 308 0956.

A handwritten signature in dark ink, appearing to read 'Tuyet Vo', is written over a horizontal line.

Tuyet Vo

Primary Examiner

January 26, 2006